CVC6246IHR INTENSIFIER™ SERIES COLOR INDOOR DOME CAMERA

TECHNICAL SPECIFICATIONS
SECURITY SYSTEM DIVISION
LEVEL 1___ 28 00 00 ELECTRONIC SAFETY AND SECURITY
LEVEL 2___28 20 00 ELECTRONIC SURVEILLANCE
LEVEL 3___28 23 00 VIDEO SURVEILLANCE

PART 2 - PRODUCTS

2.01 GENERAL

A. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.

B. All systems and components shall have been thoroughly tested and proven in actual use.

C. All systems and components shall be provided with the availability of a toll-free technical support phone number from the manufacturer. The phone number shall allow for technical assistance for either the dealer/installer or the end user at no charge.

D. All systems and components shall be provided with an explicit manufacturer warranty.

2.02 GENERAL SPECIFICATIONS

Speco Technologies CVC6246IHR Intensifier™ Series Color Indoor Dome Camera or approved equal.

The DSP Color/BW CCTV camera shall consist of a 1/3-inch format CCD imaging chip.

The DSP camera shall be a high resolution color camera that amplifies and maximizes existing light to generate pictures in darkness and in light without IR LEDs. Intensifier™ technology enhances low light viewing with no distance limitations.

The DSP Color/BW CCTV camera shall meet or exceed the following design and performance specifications:

2.03 COLOR/BW CCD CAMERA SPECIFICATIONS

A.	Day/Night Operation:	Intensifier™ built-in (selectable from 2x to 128x)
B.	Imaging Device:	1/3-inch Sony HQ-1™ color CCD w/customized DSP
D.	Lens:	2.8 to 11mm DC auto iris varifocal lens
E.	On Screen Display (OSD):	Built-in controlled by internal joystick
F.	Scanning System	
a.	NTSC:	525 lines, 60Hz, 2:1 interlace, 60 fields, 30 frames
G.	Picture Elements	
a.	NTSC:	768 (H) x 494 (V)
H.	Sensing Area:	8mm diagonal
I.	Horizontal Resolution:	Color: 540 TV lines
J.	White Balance:	ATW/AWC/Manual (1800' K – 10,500K)
K.	Electronic Shutter	Auto/Manual
a.	NTSC:	1/60 to 1/100,000 second
L.	Iris Control:	Adjustable in auto iris mode
M.	Auto Iris Lens Type:	DC drive (adjustable)
N.	Gain Control:	Low, Middle, High, Off selectable
O.	Speco Light Compensation (SLC):	Low, Middle, High, Off selectable
P.	Intensifier™:	Adjustable 2X – 128X, off
Q.	Electronic Shutter/ Auto Iris Selector Switch:	On/off switchable
R.	Reduce Noise:	Low, Middle, High, Off selectable
S.	Sharpness:	On/Off (level adjustable)

T.	Privacy Function:	On/Off (4 programmable zones)
U.	Motion Detection:	On/Off (4 programmable zones)
V.	D/N Color:	Always color/day-night operation
W.	Signal Processing:	Digital signal processing (DSP)
X.	Gamma Correction:	0.45
Y.	Video Output:	1 Vp-p, 75 ohms
Z.	Signal-to-Noise Ratio:	>60 dB
AA.	Minimum Illumination	0.002 Lux (Intensifier™) / 0.03 Lux (shutter)
BB.	Synchronization System:	Internal/ line lock selectable through OSD
CC.	Housing	High impact ABS plastic

2.04 ELECTRICAL SPECIFICATIONS

A.	Input Voltage:	10-15V DC +/-10%, 22-28V AC +/-10%
B.	Power Consumption:	230mA (DC)/3.8W (AC) maximum
C.	Video Connector:	BNC
D.	Lens Jack:	Built-in
F.	Video Test Connector	Proprietary cable harness with BNC connector
G.	Power Supply	12V DC & 24A VC (dual voltage)

2.05 ENVIRONMENTAL SPECIFICATIONS

A.	Operating Temperature:	14° to 122°F (-10° to +50°C)
B.	Storage Temperature:	5° to 140°F (-15° to +60°C)
C.	Operating Humidity:	up to 95%, noncondensing
D.	Storage Humidity:	up to 95%, noncondensing

2.06 PHYSICAL SPECIFICATIONS

A.	Dimensions:	5.5” Diameter x 4.5” H (14cm Diameter x 11.4cm H)
B.	Weight:	1lb. (0.45kg)

2.07 MECHANICAL SPECIFICATIONS

A.	Lens Mount:	Varifocal proprietary board type
B.	Camera Mount:	Wall and ceiling with internal 3-axis mount

2.08 WARRANTY

A. 5 years, parts and labor

2.09 SPECO TECHNOLOGIES MODEL NUMBERS

A.	CVC6246IHR:	2.8 to 11mm DC auto iris varifocal lens, 10-15V DC or 22-28V AC, black housing
A.	CVC6246IHRW:	2.8 to 11mm DC auto iris varifocal lens, 10-15V DC or 22-28V AC, white housing